

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Spring 2019 Levee Inspection Results**

**Reclamation District No. 2103 Wheatland Vicinity**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)				

\*\* Non-receipt of Summer or Winter Inspection  
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2019 Levee Inspection Results**

**Reclamation District No. 2103 Wheatland Vicinity**

Waterway			Bank	Unit Miles
Unit No. 01 South Dry Creek			Left	4.64
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/3/2019 - 4/3/2019			
DWR Inspector	Sterling York			
Accompanied By	Tom Engler RD 2103			
	Joe Conant RD 817			

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 2103 Wheatland Vicinity**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/03/2019 04/03/2019	Sterling York

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>2</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training				
DWR ID	DWR_RD2103_01_s_2012_2				
Comment Code					
Inspector Comment					
LMA regularly attends flood fight training put on by RD784 and DWR.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>5</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals				
DWR ID	DWR_RD2103_01_s_2013_5				
Comment Code					
Inspector Comment					
The LMA has a copy of the manual.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>6</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment				
DWR ID	DWR_RD2103_01_s_2013_6				
Comment Code					
Inspector Comment					
LMA stated that they have approx. 2500 sandbags and related flood fight material located in a mini storage in downtown Wheatland.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 2103 Wheatland Vicinity**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/03/2019 04/03/2019	Sterling York

LM Start	0.00	Rating **	M	Issue No.	28	
LM End	0.00	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.998295 °	38.998295 °	
				-121.415186 °	-121.415186 °	
DWR ID	24881					
Comment Code						
Inspector Comment						
FS_ID:39966						
DS_ID:24881						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments:						
FIELD_STRUCT_DESC: Gas line through levee. Markers visible on both sides.						
FS Date: 3/4/2014						

No Photos

LM Start	0.00	Rating **	A	Issue No.	19
LM End	4.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.019794 °	39.042188 °
				-121.454006 °	-121.393576 °
DWR ID	DWR_RD2103_01_s_2019_19				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2019.					

Photo 1 of 1 : SP\_2019\_RD2103\_10\_19\_20190409\_00042.jpg



View looking downstream landside at the well maintained annual vegetation, Spring 2019.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 2103 Wheatland Vicinity**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/03/2019 04/03/2019	Sterling York

LM Start	0.00	Rating **	A	Issue No.	20
LM End	4.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.019794 °	39.042188 °
				-121.454006 °	-121.393576 °
DWR ID	DWR_RD2103_01_s_2019_20				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2019.					

Photo 1 of 1 : SP\_2019\_RD2103\_10\_20\_20190409\_00041.jpg



View looking downstream waterside at the well maintained annual vegetation, Spring 2019.

LM Start	0.01	Rating **	M	Issue No.	11
LM End	0.47	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.019849 °	39.021775 °
				-121.453871 °	-121.445642 °
DWR ID	DWR_RD2103_01_f_2013_11				
Comment Code					
FE : Fence					
Inspector Comment					
There is a fence along the waterside hinge point.					

Photo 1 of 1 : SP\_2019\_RD2103\_10\_11\_20190305\_00001.jpg



View of fence along waterside hinge point looking downstream, still exists.

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 2103 Wheatland Vicinity**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/03/2019 04/03/2019	Sterling York

LM Start	0.06	Rating **	M	Issue No.	18
LM End	0.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.020173 °	39.020173 °
				-121.453003 °	-121.453003 °
DWR ID	DWR_RD2103_01_s_2019_18				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent holes in the levee slope need to be backfilled, Spring 2019.					

Photo 1 of 1 : SP\_2019\_RD2103\_10\_18\_20190409\_00040.jpg



View of squirrel holes on the landside looking downstream but no evidence of animal activity during Spring 2019 inspection.

LM Start	0.20	Rating **	M	Issue No.	23
LM End	0.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.020856 °	39.020938 °
				-121.450629 °	-121.450237 °
DWR ID	DWR_RD2103_01_f_2015_23				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent holes in the levee slope need to be backfilled.					

Photo 1 of 1 : SP\_2019\_RD2103\_10\_23\_20190305\_00003.jpg



View of squirrel holes on the waterside looking downstream but no evidence of animal activity.

LM Start	0.22	Rating **	M	Issue No.	22
LM End	0.22	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.020937 °	39.020937 °
				-121.450237 °	-121.450237 °
DWR ID	DWR_RD2103_01_f_2015_22				
Comment Code					
PR : Prunings					
Inspector Comment					
Prunings still exist and need to be removed.					

Photo 1 of 1 : SP\_2019\_RD2103\_10\_22\_20190305\_00002.jpg



View looking downstream landside of prunings that still exist.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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## Levee Inspection Report By Mile - Spring 2019

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/03/2019 04/03/2019	Sterling York

LM Start	<b>0.54</b>	Rating **	M	Issue No.	<b>29 (cont)</b>
LM End	<b>0.54</b>	Issue Type +	En	Location *	

A photograph showing a gravel-covered area in the foreground. A wooden signpost with a yellow sign is visible. In the background, there is a bridge with a metal railing and a road. The date "03.20.2014" is printed in orange in the bottom right corner.

Marker visible on toe in between railroad tracks and highway (south).

* Location	** Rating	+ Issue Type
LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 2103 Wheatland Vicinity**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/03/2019 04/03/2019	Sterling York

LM Start	0.54	Rating **	M	Issue No.	29 (cont)	
LM End	0.54	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.022513 °		39.022513 °
				-121.444813 °		-121.444813 °
DWR ID	19468					
Comment Code						
Inspector Comment						
FS_ID:39985 DS_ID:19468 EP_NO: 3659 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 03/04/2014 Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. It appears this is the same line as the next entry however, permit calls for Southern Pacific Pipe Lines, Inc as the owner and the sign found in the field indicates Kinder Morgan as owner. Need to contact owner to clarify if 2 crossings exist or if crossing is same owner will need to update permit information. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 8.625-inch steel fuel line through the levee, 3 feet below the crown. Cutoff wall around pipe at centerline of levee. Pipe extends through overflow area. Markers visible on both sides. (8.625-inch authorized under Permit No. 3659, 1961-Southern Pacific Pipelines, Inc.) [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 0.55)] FS Date: 3/20/2014						

Photo 3 of 3 : UCIP\_SP\_2019\_39985\_69853.jpg



Marker visible on toe in between railroad tracks and highway (south).

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 2103 Wheatland Vicinity**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/03/2019 04/03/2019	Sterling York

LM Start	0.54	Rating **	M	Issue No.	30	
LM End	0.54	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.022514 °		39.022514 °
				-121.444814 °		-121.444814 °
DWR ID	24878					
Comment Code						
Inspector Comment						
FS_ID:39986 DS_ID:24878 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: It appears this is the same line as the next entry however, permit calls for Southern Pacific Pipe Lines, Inc as the owner and the sign found in the field indicates Kinder Morgan as owner. Need to contact owner to clarify if 2 crossings exist or if crossing is same owner will need to update permit information. Also need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. FIELD_STRUCT_DESC: Kinder Morgan line through levee. Markers visible on both banks. FS Date: 3/4/2014						

LM Start	<b>0.54</b>	Rating **	M	Issue No.	<b>30 (cont)</b>
LM End	<b>0.54</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_SP\_2019\_39986\_71882.jpg



View of marker visible on waterward side (between HWY 65 and railroad).

Photo 2 of 3 : UCIP\_SP\_2019\_39986\_71881.jpg



Markers visible on landward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 2103 Wheatland Vicinity**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/03/2019 04/03/2019	Sterling York

LM Start	0.54	Rating **	M	Issue No.	30 (cont)	
LM End	0.54	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.022514 °	39.022514 °	
				-121.444814 °	-121.444814 °	
DWR ID	24878					
Comment Code						
Inspector Comment						
FS_ID:39986 DS_ID:24878 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: It appears this is the same line as the next entry however, permit calls for Southern Pacific Pipe Lines, Inc as the owner and the sign found in the field indicates Kinder Morgan as owner. Need to contact owner to clarify if 2 crossings exist or if crossing is same owner will need to update permit information. Also need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. FIELD_STRUCT_DESC: Kinder Morgan line through levee. Markers visible on both banks. FS Date: 3/4/2014						

Photo 3 of 3 : UCIP\_SP\_2019\_39986\_71880.jpg



Petroleum Pipeline owned by Kinder Morgan.

LM Start	0.55	Rating **	M	Issue No.	31
LM End	0.55	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.022654 °	39.022654 °
				-121.444665 °	-121.444665 °
DWR ID	19467				
Comment Code					
Inspector Comment					
FS_ID:43823 DS_ID:19467 EP_NO: 16041 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 03/18/2015 Needs markers at levee crossing. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 2-inch steel communication conduit encasing telephone cable through the levee, 2-feet below the crown. Extends to junction box 10-feet from landside (LS) toe, parallel to railroad tracks. (communication conduit authorized under Permit No. 16041, 1993-Pacific Bell). [Additional Reference(s): DWR Levee Logs, 2005] FS Date: 3/18/2015					

Photo 1 of 1 : UCIP\_SP\_2019\_43823\_73340.jpg



Junction box visible on LS toe (at lower left of photo).

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 2103 Wheatland Vicinity**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/03/2019 04/03/2019	Sterling York

LM Start	0.56	Rating **	M	Issue No.	32	
LM End	0.56	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.022665 °	39.022665 °	
				-121.444688 °	-121.444688 °	
DWR ID	24879					
Comment Code						
Inspector Comment						
FS_ID:39987						
DS_ID:24879						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: 03/04/2014 Need to contact owner to obtain depth of line through levee. Also need permit authorizing conduit through levee. (O. Magana - DWR UCIP)						
FIELD_STRUCT_DESC: Conduit line through levee. Markers visible on both sides.						
FS Date: 3/4/2014						

Photo 1 of 3 : UCIP\_SP\_2019\_39987\_71885.jpg



View of landward side.

LM Start	<b>0.56</b>	Rating **	M	Issue No.	<b>32 (cont)</b>
LM End	<b>0.56</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_SP\_2019\_39987\_71884.jpg



View of levee crown and waterward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 2103 Wheatland Vicinity**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/03/2019 04/03/2019	Sterling York

LM Start	0.56	Rating **	M	Issue No.	32 (cont)	
LM End	0.56	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.022665 °	39.022665 °	
				-121.444688 °	-121.444688 °	
DWR ID	24879					
Comment Code						
Inspector Comment						
FS_ID:39987 DS_ID:24879 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 03/04/2014 Need to contact owner to obtain depth of line through levee. Also need permit authorizing conduit through levee. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: Conduit line through levee. Markers visible on both sides. FS Date: 3/4/2014						

Photo 3 of 3 : UCIP\_SP\_2019\_39987\_71886.jpg



View of waterward side.

LM Start	0.56	Rating **	M	Issue No.	33	
LM End	0.56	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.022733 °	39.022733 °	
				-121.444626 °	-121.444626 °	
DWR ID	19469					
Comment Code						
Inspector Comment						
FS_ID:38323						
DS_ID:19469						
EP_NO: 2098						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: 03/20/2014 Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. (O. Magana - DWR UCIP)						
FIELD_STRUCT_DESC: 16-inch steel gas line through the levee, 3 feet below the crown. Marker on waterside (WS) slope. (16-inch line authorized under Permit No. 2098, 1955-Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 0.56)]						
FS Date: 3/20/2014						

Photo 1 of 3 : UCIP\_SP\_2019\_38323\_69860.jpg



View of levee crown at crossing.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspections**

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**Reclamation District No. 2103 Wheatland Vicinity**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/03/2019 04/03/2019	Sterling York

LM Start	0.56	Rating **	M	Issue No.	33 (cont)	
LM End	0.56	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.022733 °		39.022733 °
				-121.444626 °		-121.444626 °
DWR ID	19469					
Comment Code						
Inspector Comment						
FS_ID:38323 DS_ID:19469 EP_NO: 2098 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 03/20/2014 Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 16-inch steel gas line through the levee, 3 feet below the crown. Marker on waterside (WS) slope. (16-inch line authorized under Permit No. 2098, 1955-Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 0.56)] FS Date: 3/20/2014						

LM Start	<b>0.56</b>	Rating **	M	Issue No.	<b>33 (cont)</b>
LM End	<b>0.56</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_SP\_2019\_38323\_69859.jpg



Marker visible waterward side.

Photo 3 of 3 : UCIP\_SP\_2019\_38323\_69858.jpg



Contact information of owner.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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## Levee Inspection Report By Mile - Spring 2019

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/03/2019 04/03/2019	Sterling York

FS\_ID:38324  
DS\_ID:19470  
EP\_NO: 789  
Repair Type: Non-Urgent  
Crossing Status: Indicator Found  
UCIP Comments: 03/20/2014 Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 16-inch steel gas line through levee, 3 feet below the crown. Concrete inspection chamber (24-inch by 18-inch box with 4-inch walls) on the waterside (WS) shoulder, covered with dirt. Gas line marker on landside (LS) slope. Extends underneath Dry Creek channel, covered with concrete slab approximately 18-inches wide. (8.625-inch gas line authorized under Permit No. 789, 1939-Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Logs, 2005, 16-inch gas line. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 0.63), 16-inch gas line]  
FS Date: 3/20/2014

View of levee crown looking upstream.

Contact information for gas pipeline.

* Location	** Rating	+ Issue Type
LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 2103 Wheatland Vicinity**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/03/2019 04/03/2019	Sterling York

LM Start	0.62	Rating **	M	Issue No.	34 (cont)	
LM End	0.62	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.023513 °	39.023513 °	
				-121.444168 °	-121.444168 °	
DWR ID	19470					
Comment Code						
Inspector Comment						
FS_ID:38324 DS_ID:19470 EP_NO: 789 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 03/20/2014 Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 16-inch steel gas line through levee, 3 feet below the crown. Concrete inspection chamber (24-inch by 18-inch box with 4-inch walls) on the waterside (WS) shoulder, covered with dirt. Gas line marker on landside (LS) slope. Extends underneath Dry Creek channel, covered with concrete slab approximately 18-inches wide. (8.625-inch gas line authorized under Permit No. 789, 1939-Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Logs, 2005, 16-inch gas line. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 0.63), 16-inch gas line] FS Date: 3/20/2014						

Photo 3 of 3 : UCIP\_SP\_2019\_38324\_69862.jpg



Overview of gas marker visible on opposite bank.

LM Start	0.78	Rating **	M	Issue No.	27
LM End	0.78	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.024546 °	39.024546 °
				-121.441396 °	-121.441396 °
DWR ID	DWR_RD2103_01_s_2017_27				
Comment Code					
PR : Prunings					
Inspector Comment					
Prunings are located on the landside levee slope, Fall 2018.					

Photo 1 of 1 : SP\_2019\_RD2103\_10\_27\_20190305\_00005.jpg



View looking downstream landside of prunings on the levee slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 2103 Wheatland Vicinity**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/03/2019 04/03/2019	Sterling York

LM Start	0.81	Rating **	M	Issue No.	35
LM End	0.81	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.024725 °	39.024725 °
				-121.440978 °	-121.440978 °
DWR ID	24880				
Comment Code					
Inspector Comment					
FS_ID:39988					
DS_ID:24880					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: 03/04/2014 No marker found on waterward side-- need to confirm with owner if crossing goes through levee. If so, need depth of crossing through levee. Also need to obtain permit number used to authorize crossing. (O. Magana - DWR UCIP)					
FIELD_STRUCT_DESC: Conduit line through levee of unknown material or depth below the crown. Marker visible on landside (LS).					
FS Date: 3/4/2014					

Photo 1 of 3 : UCIP\_SP\_2019\_39988\_71890.jpg



Underground cable line marker visible on landward side toe.

LM Start	<b>0.81</b>	Rating **	M	Issue No.	<b>35 (cont)</b>
LM End	<b>0.81</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_SP\_2019\_39988\_71889.jpg



Marker is for underground cable line owned by Pacific Bell.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 2103 Wheatland Vicinity**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/03/2019 04/03/2019	Sterling York

LM Start	0.81	Rating **	M	Issue No.	35 (cont)	
LM End	0.81	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.024725 °	39.024725 °	
				-121.440978 °	-121.440978 °	
DWR ID	24880					
Comment Code						
Inspector Comment						
FS_ID:39988 DS_ID:24880 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 03/04/2014 No marker found on waterward side-- need to confirm with owner if crossing goes through levee. If so, need depth of crossing through levee. Also need to obtain permit number used to authorize crossing. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: Conduit line through levee of unknown material or depth below the crown. Marker visible on landside (LS). FS Date: 3/4/2014						

Photo 3 of 3 : UCIP\_SP\_2019\_39988\_71888.jpg



View of levee at crossing.

LM Start	0.82	Rating **	A/W	Issue No.	36
LM End	0.82	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.024811 °	39.024811 °
				-121.440750 °	-121.440750 °
DWR ID	19471				
Comment Code					
Inspector Comment					
FS_ID:38325 DS_ID:19471 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 14.4 feet below the crown. Concrete headwall, flap-gate, and 3-foot by 6-foot concrete splash apron located on the waterside (WS) toe. Outfall drain from old Grasshopper Slough. [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 0.83)] FS Date: 3/20/2014					

Photo 1 of 3 : UCIP\_SP\_2019\_38325\_69869.jpg



View of CMP crossing located on landward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 2103 Wheatland Vicinity**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/03/2019 04/03/2019	Sterling York

LM Start	0.82	Rating **	A/W	Issue No.	36 (cont)	
LM End	0.82	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			39.024811 °		39.024811 °
				-121.440750 °		-121.440750 °
DWR ID	19471					
Comment Code						
Inspector Comment						
FS_ID:38325 DS_ID:19471 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 14.4 feet below the crown. Concrete headwall, flap-gate, and 3-foot by 6-foot concrete splash apron located on the waterside (WS) toe. Outfall drain from old Grasshopper Slough. [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 0.83)] FS Date: 3/20/2014						

LM Start	<b>0.82</b>	Rating **	A/W	Issue No.	<b>36 (cont)</b>
LM End	<b>0.82</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_SP\_2019\_38325\_69868.jpg



Close up view of crossing from landward side.

Photo 3 of 3 : UCIP\_SP\_2019\_38325\_69873.jpg



View of levee crown at crossing.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 2103 Wheatland Vicinity**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/03/2019 04/03/2019	Sterling York

LM Start	1.27	Rating **	N	Issue No.	26
LM End	1.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.027261 °	39.027261 °
				-121.433269 °	-121.433269 °
DWR ID	DWR_RD2103_01_s_2016_26				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Stump needs to be removed fom slope.					

Photo 1 of 1 : SP\_2019\_RD2103\_10\_26\_20190305\_00004.jpg



View of tree stump on lanside levee slope. Fall 2016, still exist as of Fall 2018.

LM Start	1.80	Rating **	M	Issue No.	37	
LM End	1.80	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.029398 °	39.029398 °	
				-121.424906 °	-121.424906 °	
DWR ID	19473					
Comment Code						
Inspector Comment						
FS_ID:41183 DS_ID:19473 EP_NO: 1886 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 03/20/2014 Need to coordinate with owner. Severely corroded section of steel pipe present on waterward side--no other evidense present at this location. Owner will need to coordinate with CVFPB and DWR-Inspector to determine proper action to abandon crossing. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: *ABANDONED* 12-inch steel irrigation pipe through the levee, 3.1 feet below the crown. Siphon breaker on the waterward slope. Concrete standpipe at the landward toe. Vertical pump on waterside (WS). Open on WS end. Permit includes gravel dam through channel of Dry Creek. Crossing is angled 45 degrees. (10-inch pipe authorized under Permit No. 1886, 1959-R. H. Blackford, Jr.) [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 1.86)] FS Date: 3/20/2014						

Photo 1 of 3 : UCIP\_SP\_2019\_41183\_69917.jpg



Overview of levee crown.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 2103 Wheatland Vicinity**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/03/2019 04/03/2019	Sterling York

LM Start	1.80	Rating **	M	Issue No.	37 (cont)	
LM End	1.80	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.029398 °	39.029398 °	
				-121.424906 °	-121.424906 °	
DWR ID	19473					
Comment Code						
Inspector Comment						
FS_ID:41183 DS_ID:19473 EP_NO: 1886 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 03/20/2014 Need to coordinate with owner. Severely corroded section of steel pipe present on waterward side--no other evidense present at this location. Owner will need to coordinate with CVFPB and DWR-Inspector to determine proper action to abandon crossing. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: *ABANDONED* 12-inch steel irrigation pipe through the levee, 3.1 feet below the crown. Siphon breaker on the waterward slope. Concrete standpipe at the landward toe. Vertical pump on waterside (WS). Open on WS end. Permit includes gravel dam through channel of Dry Creek. Crossing is angled 45 degrees. (10-inch pipe authorized under Permit No. 1886, 1959-R. H. Blackford, Jr.) [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 1.86)] FS Date: 3/20/2014						

LM Start	<b>1.80</b>	Rating **	M	Issue No.	<b>37 (cont)</b>
LM End	<b>1.80</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_SP\_2019\_41183\_69916.jpg



View of waterward side.

Photo 3 of 3 : UCIP\_SP\_2019\_41183\_69915.jpg



View of landward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 2103 Wheatland Vicinity**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/03/2019 04/03/2019	Sterling York

LM Start	1.86	Rating **	M	Issue No.	38
LM End	1.86	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.029694 °	39.029694 °
				-121.423946 °	-121.423946 °
DWR ID	19512				
Comment Code					
Inspector Comment					
FS_ID:38327					
DS_ID:19512					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: 03/20/2014 Unable to determine if there is a crossing through pipe. Will need to coordinate with owner to determine additional information about appurtenances found on landward side. (O. Magana - DWR UCIP)					
FIELD_STRUCT_DESC: Irrigation pump, service pole, and 36-inch concrete standpipe, 5 feet from the landside (LS) toe. No pump was found during field visit 3/20/14. [Additional Reference(s): DWR Levee Logs, 2005]					
FS Date: 3/20/2014					

LM Start	<b>1.86</b>	Rating **	M	Issue No.	<b>38 (cont)</b>
LM End	<b>1.86</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_SP\_2019\_38327\_69881.jpg



View of landward side.

Photo 2 of 3 : UCIP\_SP\_2019\_38327\_69880.jpg



View of waterward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 2103 Wheatland Vicinity**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/03/2019 04/03/2019	Sterling York

LM Start	1.86	Rating **	M	Issue No.	38 (cont)	
LM End	1.86	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.029694 °	39.029694 °	
				-121.423946 °	-121.423946 °	
DWR ID	19512					
Comment Code						
Inspector Comment						
FS_ID:38327 DS_ID:19512 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 03/20/2014 Unable to determine if there is a crossing through pipe. Will need to coordinate with owner to determine additional information about appurtenances found on landward side. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: Irrigation pump, service pole, and 36-inch concrete standpipe, 5 feet from the landside (LS) toe. No pump was found during field visit 3/20/14. [Additional Reference(s): DWR Levee Logs, 2005] FS Date: 3/20/2014						

Photo 3 of 3 : UCIP\_SP\_2019\_38327\_69879.jpg



No crossing visible on waterward side.

LM Start	2.64	Rating **	M	Issue No.	39
LM End	2.64	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.031590 °	39.031590 °
				-121.409870 °	-121.409870 °
DWR ID	19477				
Comment Code					
Inspector Comment					
FS_ID:38331 DS_ID:19477 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 03/20/2014 Need to contact owner to determine status. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through the levee, 3.1 feet below the crown. Siphon breaker on the waterward slope. Pump on the landward side. Pipe crosses creek to orchard on north side. (two 12-inch pipes authorized under Permit No. 1887, 1954-H. B. Waltz, HLM 2.41 and 2.68) [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 2.68), 8-inch] FS Date: 3/20/2014					

Photo 1 of 3 : UCIP\_SP\_2019\_38331\_69894.jpg



View of waterward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 2103 Wheatland Vicinity**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/03/2019 04/03/2019	Sterling York

LM Start	2.64	Rating **	M	Issue No.	39 (cont)	
LM End	2.64	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.031590 °		39.031590 °
				-121.409870 °		-121.409870 °
DWR ID	19477					
Comment Code						
Inspector Comment						
FS_ID:38331						
DS_ID:19477						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: 03/20/2014 Need to contact owner to determine status. (O. Magana - DWR UCIP)						
FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through the levee, 3.1 feet below the crown. Siphon breaker on the waterward slope. Pump on the landward side. Pipe crosses creek to orchard on north side. (two 12-inch pipes authorized under Permit No. 1887, 1954-H. B. Waltz, HLM 2.41 and 2.68) [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 2.68), 8-inch]						
FS Date: 3/20/2014						

LM Start	<b>2.64</b>	Rating **	M	Issue No.	<b>39 (cont)</b>
LM End	<b>2.64</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_SP\_2019\_38331\_69893.jpg



Crossing was not visible on waterward side.

Photo 3 of 3 : UCIP\_SP\_2019\_38331\_69892.jpg



View of landward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 2103 Wheatland Vicinity**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/03/2019 04/03/2019	Sterling York

LM Start	3.59	Rating **	M	Issue No.	40
LM End	3.59	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.033074 °	39.033074 °
				-121.400434 °	-121.400434 °
DWR ID	19478				

**Comment Code**

**Inspector Comment**

FS\_ID:53435  
DS\_ID:19478  
EP\_NO: N/A  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: 10/30/2018 Levee slopes have been cleared of dense vegetation. LS inlet has been modified and improved. Corrosion and minor sediment observed inside the pipe. Flap gate on the WS is operable. This crossing is part of DWR's Deferred Maintenance Project (DMP). Crossing has been downgraded from Urgent to Non-Urgent because no integrity issues were observed on the slopes or the pipe. Recommend clearing the sediment from the pipe and complete an internal inspection to determine the integrity of pipe through the levee. Correction to 2016 inspection entry, levee height is about 10-12 feet high instead of the 3-4 feet high previously reported. (O. Magana - DWR UCIP)7/08/2016 Meet with Tom Engler from MBK Engineers, District Engineer, and the District is in the process of trying to deauthorize portion of Unit 1. This section of the levee protects an orchard--levee is approximately 3-4 feet tall. (DWR UCIP - omagana)3/26/2015 Flapgate open and won't close due to vegetation and soil blocking its operation. (DWR UCIP - omagana)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal drainage pipe through the levee, 12 feet below the crown. Flap gate is located on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2005].  
FS Date: 10/30/2018 1:54:00 PM

LM Start	<b>3.59</b>	Rating **	M	Issue No.	<b>40 (cont)</b>
LM End	<b>3.59</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_SP\_2019\_53435\_73429.jpg



Flapgate at WS berm blocked by soil and vegetation buildup.

Photo 2 of 3 : UCIP\_SP\_2019\_53435\_73428.jpg



Location of pipe and flapgate on WS berm.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 2103 Wheatland Vicinity**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/03/2019 04/03/2019	Sterling York

LM Start	3.59	Rating **	M	Issue No.	40 (cont)	
LM End	3.59	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.033074 °	39.033074 °	
				-121.400434 °	-121.400434 °	
DWR ID	19478					
Comment Code						
Inspector Comment						
FS_ID:53435 DS_ID:19478 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/30/2018 Levee slopes have been cleared of dense vegetation. LS inlet has been modified and improved. Corrosion and minor sediment observed inside the pipe. Flap gate on the WS is operable. This crossing is part of DWR's Deferred Maintenance Project (DMP). Crossing has been downgraded from Urgent to Non-Urgent because no integrity issues were observed on the slopes or the pipe. Recommend clearing the sediment from the pipe and complete an internal inspection to determine the integrity of pipe through the levee. Correction to 2016 inspection entry, levee heigh is about 10-12 feet high instead of the 3-4 feet high previously reported. (O. Magana - DWR UCIP)7/08/2016 Meet with Tom Engler from MBK Engineers, District Engineer, and the District is in the process of trying to deauthorize portion of Unit 1. This section of the levee protects an orchard--levee is approximately 3-4 feet tall. (DWR UCIP - omagana)3/26/2015 Flapgate open and won't close due to vegetation and soil blocking its operation. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 12 feet below the crown. Flap gate is located on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 10/30/2018 1:54:00 PM						

Photo 3 of 3 : UCIP\_SP\_2019\_53435\_73427.jpg



Pipe visible at LS toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2019 Levee Inspection Results**

**Reclamation District No. 2103 Wheatland Vicinity**

Waterway			Bank	Unit Miles
Unit No. 02 Bear River			Right	4.88
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/3/2019 - 4/3/2019			
DWR Inspector	Sterling York			
Accompanied By	Tom Engler RD 2103			
	Joe Conant RD 817			

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 2103 Wheatland Vicinity**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/03/2019 04/03/2019	Sterling York

LM Start	0.02	Rating **	A	Issue No.	11
LM End	4.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.993502 °	39.031761 °
				-121.437016 °	-121.366800 °
DWR ID	DWR_RD2103_02_s_2019_11				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2019.					

Photo 1 of 1 : SP\_2019\_RD2103\_11\_11\_20190409\_00032.jpg



View looking upstream landside at the well maintained annual vegetation, Spring 2019.

LM Start	0.02	Rating **	A	Issue No.	13
LM End	4.88	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.993502 °	39.031761 °
				-121.437016 °	-121.366800 °
DWR ID	DWR_RD2103_02_s_2019_13				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2019.					

Photo 1 of 1 : SP\_2019\_RD2103\_11\_13\_20190409\_00033.jpg



View looking upstream waterside at the well maintained annual vegetation, Spring 2019.

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 2103 Wheatland Vicinity**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/03/2019 04/03/2019	Sterling York

LM Start	1.26	Rating **	M	Issue No.	25
LM End	1.26	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.998301 °	38.998301 °
				-121.415296 °	-121.415296 °
DWR ID	19484				
Comment Code					
Inspector Comment					
FS_ID:39992 DS_ID:19484 EP_NO: 1613 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 03/20/2014 Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 16-inch steel gas line through the levee, 3 feet below the crown. (16-inch line authorized under Permit No. 1613, 1951-Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 1.30)] FS Date: 3/20/2014					

Photo 1 of 2 : UCIP\_SP\_2019\_39992\_69914.jpg



Marker visible on waterward side.

LM Start	<b>1.26</b>	Rating **	M	Issue No.	<b>25 (cont)</b>
LM End	<b>1.26</b>	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP\_SP\_2019\_39992\_69913.jpg



Marker visible on landward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 2103 Wheatland Vicinity**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/03/2019 04/03/2019	Sterling York

LM Start	1.26	Rating **	M	Issue No.	26
LM End	1.26	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.998301 °	38.998301 °
				-121.415182 °	-121.415182 °
DWR ID	19486				
Comment Code					
Inspector Comment					
FS_ID:39993 DS_ID:19486 EP_NO: 5714 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 03/20/2014 Need to contact owner to confirm crossing and determine status. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 12-inch steel sewer pipes through the levee, 3.1 feet below the crown. Siphon breaker in 24-inch corrugated metal (CM) pipe riser on the landside (LS) shoulder. Standard CM cutoff wall around pipe at centerline of levee. Extends from wastewater treatment plant on landside (LS) to waste water lagoon on waterside (WS). Permit includes construction of lagoon with surrounding short levee, extending from/to project levee. (12-inch pipe authorized under Permit No. 5714, 1968-City of Wheatland). [Additional Reference(s): DWR Levee Logs, 2005] FS Date: 3/20/2014					

Photo 1 of 2 : UCIP\_SP\_2019\_39993\_69912.jpg



View of waterward side.

LM Start	<b>1.26</b>	Rating **	M	Issue No.	<b>26 (cont)</b>
LM End	<b>1.26</b>	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP\_SP\_2019\_39993\_69911.jpg



CMP riser located on landward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 2103 Wheatland Vicinity**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/03/2019 04/03/2019	Sterling York

LM Start	1.29	Rating **	M	Issue No.	27	
LM End	1.29	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.998322 °	38.998322 °	
				-121.414688 °	-121.414688 °	
DWR ID	19509					
Comment Code						
Inspector Comment						
FS_ID:39994						
DS_ID:19509						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Need to contact owner to determine details of the crossing through levee.						
FIELD_STRUCT_DESC: Wheatland Sewage Disposal Plant on waterward side, treatment plant on landward side. Service pole on waterward slope.						
FS Date: 3/20/2014						

Photo 1 of 3 : UCIP\_SP\_2019\_39994\_69905.jpg



View of waterward side.

LM Start	<b>1.29</b>	Rating **	M	Issue No.	<b>27 (cont)</b>
LM End	<b>1.29</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_SP\_2019\_39994\_69904.jpg



View of water treatment located on landward side, photo 1 of 3.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 2103 Wheatland Vicinity**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/03/2019 04/03/2019	Sterling York

LM Start	1.29	Rating **	M	Issue No.	27 (cont)	
LM End	1.29	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.998322 °	38.998322 °	
				-121.414688 °	-121.414688 °	
DWR ID	19509					
Comment Code						
Inspector Comment						
FS_ID:39994						
DS_ID:19509						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Need to contact owner to determine details of the crossing through levee.						
FIELD_STRUCT_DESC: Wheatland Sewage Disposal Plant on waterward side, treatment plant on landward side. Service pole on waterward slope.						
FS Date: 3/20/2014						

Photo 3 of 3 : UCIP\_SP\_2019\_39994\_69903.jpg



View of water treatment located on landward side, photo 2 of 3.

LM Start	1.76	Rating **	M	Issue No.	28	
LM End	1.76	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.000557 °	39.000557 °	
				-121.406581 °	-121.406581 °	
DWR ID	25090					
Comment Code						
Inspector Comment						
FS_ID:44089						
DS_ID:25090						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: 03/26/2015 No permit identified for this crossing. (W. Wylie - DWR UCIP)						
FIELD_STRUCT_DESC: Fiber optic line of unknown material through the levee at unknown depth. Marker visible on waterside (WS) shoulder. 6-inch steel pipe visible on upstream side of railroad trestle.						
FS Date: 3/26/2015						

Photo 1 of 3 : UCIP\_SP\_2019\_44089\_73568.jpg



Fiberoptic line marker on crown of levee

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 2103 Wheatland Vicinity**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/03/2019 04/03/2019	Sterling York

LM Start	1.76	Rating **	M	Issue No.	28 (cont)	
LM End	1.76	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.000557 °	39.000557 °	
				-121.406581 °	-121.406581 °	
DWR ID	25090					
Comment Code						
Inspector Comment						
FS_ID:44089						
DS_ID:25090						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: 03/26/2015 No permit identified for this crossing. (W. Wylie - DWR UCIP)						
FIELD_STRUCT_DESC: Fiber optic line of unknown material through the levee at unknown depth. Marker visible on waterside (WS) shoulder. 6-inch steel pipe visible on upstream side of railroad trestle.						
FS Date: 3/26/2015						

Photo 2 of 3 : UCIP\_SP\_2019\_44089\_73567.jpg



6-inch steel conduit visible on upstream side of railroad bridge.

LM Start	<b>1.76</b>	Rating **	M	Issue No.	<b>28 (cont)</b>
LM End	<b>1.76</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_SP\_2019\_44089\_73566.jpg



6-inch steel conduit visible on upstream side of railroad bridge.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 2103 Wheatland Vicinity**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/03/2019 04/03/2019	Sterling York

LM Start	1.86	Rating **	M	Issue No.	14
LM End	1.86	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.001644 °	39.001644 °
				-121.405450 °	-121.405450 °
DWR ID	DWR_RD2103_02_s_2019_14				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove downed tree from levee slope, Spring 2019.					

Photo 1 of 1 : SP\_2019\_RD2103\_11\_14\_20190409\_00034.jpg



View looking upstream waterside at a downed tree on the levee slope, Spring 2019.

LM Start	1.97	Rating **	C	Issue No.	12
LM End	1.97	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			39.002378 °	39.002378 °
				-121.403611 °	-121.403611 °
DWR ID	DWR_RD2103_02_f_2017_12				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:2017 Flood Fight Emergency Repair - 200 feet of site repaired in March 2017. Additional 50 feet requires repair after water receded. \$220,000 estimated total for completion and post project permits and mitigation					
Site ID No:488					
Site Designation:LMA-326					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:7/27/2017					
Notes: Site will likely degrade quickly due to lack of RSP along the lower portion of the bank slope and downstream end of site. At time of field visit, site does not appear to be any imminent threat of failure.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 2103 Wheatland Vicinity**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/03/2019 04/03/2019	Sterling York

LM Start	2.59	Rating **	M	Issue No.	24
LM End	2.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.009249 °	39.009249 °
				-121.397334 °	-121.397334 °
DWR ID	DWR_RD2103_02_s_2015_24				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	2.60	Rating **	M	Issue No.	29
LM End	2.60	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.009394 °	39.009394 °
				-121.397300 °	-121.397300 °
DWR ID	19488				
Comment Code					
Inspector Comment					
FS_ID:40045 DS_ID:19488 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 03/20/2014 Pipe has been plugged--visible on landward side. Need to contact owner to obtain additional information about abandoned crossing. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 1 of 2: 30-inch corrugated metal irrigation pipe through levee, 13.8 feet below crown. Slide gates in 42-diameter riser on waterside (WS) slope. Concrete "U" headwall at both levee toes. Grouted spillway on landside (LS). [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 2.67), two 30-inch] FS Date: 3/20/2014					

Photo 1 of 3 : UCIP\_SP\_2019\_40045\_71908.jpg



View of waterward shoulder.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 2103 Wheatland Vicinity**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/03/2019 04/03/2019	Sterling York

LM Start	2.60	Rating **		Issue No.	29 (cont)	
LM End	2.60	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.009394 °		39.009394 °
				-121.397300 °		-121.397300 °
DWR ID	19488					
Comment Code						
Inspector Comment						
FS_ID:40045 DS_ID:19488 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 03/20/2014 Pipe has been plugged--visible on landward side. Need to contact owner to obtain additional information about abandoned crossing. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 1 of 2: 30-inch corrugated metal irrigation pipe through levee, 13.8 feet below crown. Slide gates in 42-diameter riser on waterside (WS) slope. Concrete "U" headwall at both levee toes. Grouted spillway on landside (LS). [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 2.67), two 30-inch] FS Date: 3/20/2014						

LM Start	<b>2.60</b>	Rating **	M	Issue No.	<b>29 (cont)</b>
LM End	<b>2.60</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_SP\_2019\_40045\_71907.jpg



Slide gates visible located on landward side.

Photo 3 of 3 : UCIP\_SP\_2019\_40045\_71912.jpg



View of waterward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 2103 Wheatland Vicinity**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/03/2019 04/03/2019	Sterling York

LM Start	2.60	Rating **	M	Issue No.	30
LM End	2.60	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.009408 °	39.009408 °
				-121.397296 °	-121.397296 °
DWR ID	19504				
Comment Code					
Inspector Comment					
FS_ID:40046 DS_ID:19504 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 03/20/2014 Need to contact owner to determine status--crossing appears to be modified. Need to contact owner to obtain additional information about modified crossing. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 2 of 2: 30-inch corrugated metal irrigation pipe through levee, 13.8 feet below crown. Slide gates in 42-diameter riser on waterside (WS) slope. Concrete "U" headwall at both levee toes. Grouted spillway on landside (LS). [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 2.67), two 30-inch] FS Date: 3/20/2014					

LM Start	<b>2.60</b>	Rating **	M	Issue No.	<b>30 (cont)</b>
LM End	<b>2.60</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_SP\_2019\_40046\_71915.jpg



View of waterward side.

Photo 2 of 3 : UCIP\_SP\_2019\_40046\_71914.jpg



View of landward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 2103 Wheatland Vicinity**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/03/2019 04/03/2019	Sterling York

LM Start	2.60	Rating **	M	Issue No.	30 (cont)	
LM End	2.60	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.009408 °	39.009408 °	
				-121.397296 °	-121.397296 °	
DWR ID	19504					
Comment Code						
Inspector Comment						
FS_ID:40046						
DS_ID:19504						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: 03/20/2014 Need to contact owner to determine status--crossing appears to be modified. Need to contact owner to obtain additional information about modified crossing. (O. Magana - DWR UCIP)						
FIELD_STRUCT_DESC: 2 of 2: 30-inch corrugated metal irrigation pipe through levee, 13.8 feet below crown. Slide gates in 42-diameter riser on waterside (WS) slope. Concrete "U" headwall at both levee toes. Grouted spillway on landside (LS). [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 2.67), two 30-inch]						
FS Date: 3/20/2014						

Photo 3 of 3 : UCIP\_SP\_2019\_40046\_71919.jpg



Concrete headwall visible on waterward side--white pipe attached to crossing at headwall.

LM Start	3.94	Rating **	M	Issue No.	31
LM End	3.94	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.022486 °	39.022486 °
				-121.379343 °	-121.379343 °
DWR ID	19500				
Comment Code					
Inspector Comment					
FS_ID:43957 DS_ID:19500 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 03/26/2015 Further evaluation necessary to determine alignment of crossing should be conducted. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 4-inch polyvinyl chloride (PVC) water line through levee, 6-feet below the levee crown. Ball valve and service connection point located on the landside (LS) shoulder. Pipe appears to run parallel to east, on LS slope just off crown but may cross at this location as well. [Additional Reference(s): USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 4.05)] FS Date: 3/26/2015					

Photo 1 of 2 : UCIP\_SP\_2019\_43957\_73435.jpg



Service connection and ball valve visible on LS shoulder.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 2103 Wheatland Vicinity**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/03/2019 04/03/2019	Sterling York

LM Start	3.94	Rating **	M	Issue No.	31 (cont)	
LM End	3.94	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.022486 °		39.022486 °
				-121.379343 °		-121.379343 °
DWR ID	19500					
Comment Code						
Inspector Comment						
FS_ID:43957 DS_ID:19500 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 03/26/2015 Further evaluation necessary to determine alignment of crossing should be conducted. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 4-inch polyvinyl chloride (PVC) water line through levee, 6-feet below the levee crown. Ball valve and service connection point located on the landside (LS) shoulder. Pipe appears to run parallel to east, on LS slope just off crown but may cross at this location as well. [Additional Reference(s): USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 4.05)] FS Date: 3/26/2015						

Photo 2 of 2 : UCIP\_SP\_2019\_43957\_73434.jpg



Service connection and ball valve visible on LS shoulder.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 2103 Wheatland Vicinity**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/03/2019 04/03/2019	Sterling York

LM Start	3.95	Rating **	M	Issue No.	32	
LM End	3.95	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.022529 °	39.022529 °	
				-121.379286 °	-121.379286 °	
DWR ID	19510					
Comment Code						
Inspector Comment						
FS_ID:40048 DS_ID:19510 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 01/03/2018 Crossing authorized under USACE O&M Manual was removed and replaced with new pipe authorized under Permit No. 18081 (2006). Need to contact owner to obtain as-builts for the current pipe. Current pipe is logged under dsid #####. (DWR UCIP - O. Magana) 03/20/2014 Crossing has been modified---need to contact owner to obtain permit used for modification. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: *REMOVED* 24-inch corrugated metal irrigation pipe through the levee, 8 feet below the crown. Slide gate in concrete square riser (not corrugated metal pipe riser as mentioned in desk study) located on the waterside (WS) slope. Concrete headwall and trash rack located at toe of WS slope. Breather pipe located on the landside (LS) slope. Pipe discharges in the irrigation ditch located on the landside (LS). Two CM cutoff walls. (no permit found for 24-inch pipe; 24-inch pipe removed and replaced with new 24-inch pipe under Permit No. 18081, 18081-Rev, 2006-Reclamation District No. 2103, four pipes were removed and replaced under this permit) [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 4.05)] FS Date: 3/20/2014						

LM Start	<b>3.95</b>	Rating **	M	Issue No.	<b>32 (cont)</b>
LM End	<b>3.95</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_SP\_2019\_40048\_71922.jpg



View of waterward side.

Photo 2 of 3 : UCIP\_SP\_2019\_40048\_71921.jpg



Riser located on landward slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 2103 Wheatland Vicinity**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/03/2019 04/03/2019	Sterling York

LM Start	3.95	Rating **	M	Issue No.	32 (cont)	
LM End	3.95	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.022529 °		39.022529 °
				-121.379286 °		-121.379286 °
DWR ID	19510					
Comment Code						
Inspector Comment						
FS_ID:40048 DS_ID:19510 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 01/03/2018 Crossing authorized under USACE O&M Manual was removed and replaced with new pipe authorized under Permit No. 18081 (2006). Need to contact owner to obtain as-builts for the current pipe. Current pipe is logged under dsid #####. (DWR UCIP - O. Magana) 03/20/2014 Crossing has been modified---need to contact owner to obtain permit used for modification. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: *REMOVED* 24-inch corrugated metal irrigation pipe through the levee, 8 feet below the crown. Slide gate in concrete square riser (not corrugated metal pipe riser as mentioned in desk study) located on the waterside (WS) slope. Concrete headwall and trash rack located at toe of WS slope. Breather pipe located on the landside (LS) slope. Pipe discharges in the irrigation ditch located on the landside (LS). Two CM cutoff walls. (no permit found for 24-inch pipe; 24-inch pipe removed and replaced with new 24-inch pipe under Permit No. 18081, 18081-Rev, 2006-Reclamation District No. 2103, four pipes were removed and replaced under this permit) [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 4.05)] FS Date: 3/20/2014						

Photo 3 of 3 : UCIP\_SP\_2019\_40048\_71920.jpg



Label on riser.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable  N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 2103 Wheatland Vicinity**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/03/2019 04/03/2019	Sterling York

LM Start	3.95	Rating **	M	Issue No.	33
LM End	3.95	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.022556 °	39.022556 °
				-121.379210 °	-121.379210 °
DWR ID	19492				
Comment Code					
Inspector Comment					
FS_ID:53438 DS_ID:19492 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: 10/30/2018 Crossing not found. Crossing has been downgraded from Urgent to Non-Urgent as part of a reclassification of gas lines. This crossing is part of DWR's Deferred Maintenance Project (DMP) to determine if line exists through the levee using electromagnetic surveys. UCIP will reach out to PG&E to determine if they ever had a line at this location. (O. Magana - DWR UCIP)7/08/2016 No markers found. Need to locate owner and determine status of crossing. (DWR UCIP - omagana)3/26/2015 No markers. Need to confirm line alignment and permit. Also need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 8-inch steel gas line through the levee, 6 feet below the crown. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 4.05), Drawing No. 2-4-55-1]. FS Date: 10/30/2018					

LM Start	3.95	Rating **	M	Issue No.	33 (cont)
LM End	3.95	Issue Type +	En	Location *	

Photo 1 of 2 : UCIP\_SP\_2019\_53438\_78444.jpg



Overview of levee where crossing should be. No signs of crossing present.

Photo 2 of 2 : UCIP\_SP\_2019\_53438\_78445.jpg



No signs of crossing are visible at approximate location.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 2103 Wheatland Vicinity**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/03/2019 04/03/2019	Sterling York

LM Start	4.74	Rating **	M	Issue No.	34
LM End	4.74	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.030340 °	39.030340 °
				-121.368535 °	-121.368535 °
DWR ID	19493				
Comment Code					
Inspector Comment					
FS_ID:40049 DS_ID:19493 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 03/20/2014 Crossing has been modified---need to contact owner to obtain permit used for modification. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal irrigation pipe through levee, 10.6 feet below the crown. Slide gate in concrete square riser (not 36-inch CM riser as mentioned in desk study) is located on the waterside (WS) slope. Concrete "U" headwall and trash rack on WS toe. 5-foot by 5-foot concrete distribution box and headwall located on the landside (LS) toe. [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 4.87)] FS Date: 3/20/2014					

LM Start	<b>4.74</b>	Rating **	M	Issue No.	<b>34 (cont)</b>
LM End	<b>4.74</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_SP\_2019\_40049\_71928.jpg



Pipe visible on waterward side.

Photo 2 of 3 : UCIP\_SP\_2019\_40049\_71926.jpg



Overview of waterward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 2103 Wheatland Vicinity**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/03/2019 04/03/2019	Sterling York

LM Start	4.74	Rating **	M	Issue No.	34 (cont)	
LM End	4.74	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.030340 °	39.030340 °	
				-121.368535 °	-121.368535 °	
DWR ID	19493					
Comment Code						
Inspector Comment						
FS_ID:40049 DS_ID:19493 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 03/20/2014 Crossing has been modified---need to contact owner to obtain permit used for modification. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal irrigation pipe through levee, 10.6 feet below the crown. Slide gate in concrete square riser (not 36-inch CM riser as mentioned in desk study) is located on the waterside (WS) slope. Concrete "U" headwall and trash rack on WS toe. 5-foot by 5-foot concrete distribution box and headwall located on the landside (LS) toe. [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 4.87)] FS Date: 3/20/2014						

Photo 3 of 3 : UCIP\_SP\_2019\_40049\_71932.jpg



Pipe connection at crossing.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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